

Amendments to the Specification

Please replace the paragraph beginning on page 7, lines 8-11, with the following rewritten paragraph:

-- The cDNA filter arrays used (GeneFilters™) contained 25,920 cDNAs from the UniGene dataset (~~http://www.ncbi.nlm.nih.gov/UniGene/index.html~~ National Center for Biological Information UniGene collection), including both known genes and uncharacterized ESTs, permitting the survey of one-fourth to one half of the estimated 50,000-100,000 genes in the genome.--

Please replace the paragraph beginning on page 9, lines 3-4, with the following rewritten paragraph:

-- The complete gene list is appended as Appendix A and ~~is available through a web site~~ ~~http://westsun.hema.uic.edu/html/expression.html~~ which will be available to the public upon filing the present patent application.--

Please replace the paragraph beginning on page 9, lines 7-9, with the following rewritten paragraph:

-- The genes themselves are selected from databases that are in the public domain (UniGene dataset, ~~http://www.ncbi.nlm.nih.gov/UniGene/index.html~~) as part of the Human Genome Program.--

Please replace the paragraph beginning on page 9, lines 13-15, with the following rewritten paragraph:

-- UniGene (~~http://www.ncbi.nlm.nih.gov/UniGene/index.html~~) is a product of the Human Genome Program, maintained by the National Center for Biotechnology Research.--

Please replace the paragraph beginning on page 9, lines 17-19, with the following rewritten paragraph:

-- The cDNA clones represented in UniGene are available for purchase from a number of repositories, including TIGR (The Institute For Genome Research; <http://www.tigr.org/tdb/tdb.html>).--

Please replace the paragraph beginning on page 15, lines 24-26, with the following rewritten paragraph:

-- Each cDNA on the array is derived from a single clone from the IMAGE (Integrated Molecular Analysis of Genomes and their Expression) consortium at Lawrence Livermore National Laboratory (Livermore, CA) (<http://image.llnl.gov>) representing the 3'-end of a unique UniGene cluster.--

Please replace the paragraph beginning on page 16, lines 15-17, with the following rewritten paragraph:

-- (For information on all the spotted cDNA for each filter including the housekeeping genes, refer to Research Genetics, Huntsville, AL.) ~~the Research Genetics's ftp website,~~ <ftp://ftp.resgen.com/pub/genefilters/>).--

Please replace the paragraph beginning on page 17, lines 9-11, with the following rewritten paragraph:

-- This list of highly-abundant genes and ESTs is available as an appendix to the online version of this article, ~~and is also available on our hematopoietic stem cell website~~ (<http://westsun.hema.uic.edu/html/expression.html>).--

Please replace Appendix A with the enclosed CD which has page numbers in Appendix A.